DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

Our residences, post office addresses and citizenships are as stated below next to our names.

We believe we are original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled VARIABLE STIFFNESS COIL FOR VASOOCCLUSIVE DEVICES, the specification of which (check one)

X is attached hereto	
was filed on	
Application Serial No.	
and was amended on (or amended through)	(if applicable)

We hereby state that we have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Sec. 1.56(a).

We hereby-claim foreign priority benefits under Title 35, United States Code, Sec. 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Docket No. MICRU:49656 Page 2 of 3

Prior Foreign Application(s)		Priority Claimed		
NONE				
Number	Country	Day/Month/Year filed	Yes No	

We hereby claim the benefit under Title 35, United States Code, Sec. 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Sec. 112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Sec. 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

NONE			,
Appln. Serial No.	Filing Date	Status	· .
	•	(patented, p	ending, abandoned)

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

We hereby appoint the following attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

RICHARD A. BARDIN, Reg. No. 20,365, CRAIG B. BAILEY, Reg. No. 28,786, RICHARD B. CATES, Reg. No. 36,100, I. MORLEY DRUCKER, Reg. No. 19,751; PAUL Y. FENG, Reg. No.35,510; JOHN K. FITZGERALD, Reg. No. 38,881, JOHN V. HANLEY, Reg. No. 38,171; JAMES JUO, Reg. No. 36,177; GILBERT G. KOVELMAN, Reg. No. 19,552, PAMELA G. MAHER, Reg. No. 40,712; THOMAS H. MAJCHER, Reg. No. 31,119, JOHN S. NAGY, Reg. No. 30,664, DAVID G. PARKHURST, Reg. No. 29,422, JAMES W. PAUL, Reg. No. 29,967, RONALD E. PEREZ, Reg. No. 36,891; ELLSWORTH R. ROSTON, Reg. No. 16,310; THOMAS A. RUNK, Reg. No. 30,679; DAVID S. SARISKY, Reg. No. 41,288; and HOWARD N. SOMMERS, Reg. No. 24,138.

Direct all telephone calls to James W. Paul, Esq., at telephone No. (310) 824-5555.

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James W. Paul, Esq.,
FULWIDER PATTON LEE & UTECHT, LLP
10877 Wilshire Boulevard
Tenth Floor
Los Angeles, California 90024

Full name of first inventor: DAVID A. FERRERA			
Inventor's signature:	Ha Jun		
Date: DEZ 10, 1998			
Residence:	San Francisco, California		
Citizenship:	U.S.A.		
Post Office Address:	848 38th Avenue		
	San Francisco, CA 94121		
Full name of second i	nventor: DANIEL R. KURZ		
Inventor's signature:	Dail Day		
Date: 12/10	, 1998		
Residence:	Sunnyvale, California		
Citizenship:	U.S.A.		
Post Office Address:	341 S. Bernard Avenue		
123202.1	Sunnyvale, California 94086		

APRIL 12, 1999

PTAS

FULWIDER PATTON LEE & UTECHT, LLP ATTN: JAMES W. PAUL, ESQ. 10877 WILSHIRE BLVD., 10TH FLOOR LOS ANGELES, CALIFORNIA 90024

UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER

OF PATENTS AND TRADEMARKS

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Micru-49654

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UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT APR 21 1999

FULWIDER PATTOM LET & C.

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 12/15/1998

REEL/FRAME: 9681/0443 NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FERRERA, DAVID A.

DOC DATE: 12/10/1998

ASSIGNOR:

KURZ, DANIEL R.

DOC DATE: 12/10/1998

ASSIGNEE:

MICRUS CORPORATION 495 CLYDE AVENUE MOUNTAIN VIEW, CALIFORNIA 94043

SERIAL NUMBER: 09211783

PATENT NUMBER:

FILING DATE: 12/15/1998

ISSUE DATE:

ALLYSON PURNELL, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

FORM PTO 1595	U.S. DEPARTMENT OF COMMERCE	
1-31-92 RECOR 01	-12-1999 EET Patent and Trademark Office	
	Docket # MICRU:49656	
To the Honorable Commissioner of Patents ar. 10	00939867 ,d original documents or copy thereof.	
Name of conveying party(ies):	2. Name and address of receiving party(ies): E	
DAVID A. FERRERA DANIEL R. KURZ	Name: MICRUS CORPORATION 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of Conveyance:	Street Address: 495 Clyde Avenue,	
X Assignment	City Mountain View State California 94043 Additional name(s) & address(es) attached? Yes X No	
Execution Date: _DECEMBER 10, 1998		
Application number(s) or registration numbers(s): If this document is being filed together with a new applic	ation, the execution date of the appln. is: DECEMBER 10, 1998	
A. Patent Application No.(s)	B. Patent No.(s)	
Additional numbers attached? Yes X No		
Name and address of party to whom correspondence concerning document should be mailed: THE STATE OF TAXABLE STATE O	6. Total No. of applications and patents involved 1	
Name: _FULWIDER PATTON LEE & UTECHT, LLP Internal Address: _ATTN: JAMES W. PAUL, ESQ. 7. Total fee (37 CFR 3.41):		
Street Address: 10877 WILSHIRE BLVD., 10TH FLOOR	Authorized to be charged to deposit account	
City: <u>LOS ANGELES</u> State: <u>CA</u> ZIP <u>90024</u>	X Any deficiencies in enclosed fees	
	8. Deposit account number: 06-2425	
(Attach duplicate copy of this page if paying by deposit account)		
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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is the	e and correct and any attached copy is a true copy of the original document.	
David G. Parkhurst - Reg. # 29,422 David A. Parkhurst December 15,188		
Name of Person Signing Signature Date		
Total number of pages including cover sheet: 5		
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6) FC:581 40.00 (p Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231		
Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the date needed, and completing and reviewing the sample cover sileet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1090C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project. (0651-0211), Washington, D.C. 20503		

ASSIGNMENT

This Assignment made by DAVID A. FERRERA of San Francisco, California, and DANIEL R. KURZ of Sunnyvale, California, Assignors, to MICRUS CORPORATION, a Delaware corporation, Assignee, having a place of business at 495 Clyde Avenue, Mountain View, California 94043.

WHEREAS, Assignors have invented a new and useful VARIABLE STIFFNESS
COIL FOR VASOOCCLUSIVE DEVICES for which an application for United States
Letters Patent has been executed by them this day; and

WHEREAS, Assignors believe themselves to be the original, first and joint inventors of the invention disclosed and claimed in said application for Letters Patent; and

WHEREAS, Assignee desires to acquire by formal, recordable assignment the entire right, title and interest in and to said invention, said application and any Letters Patent that may be granted for said invention in the United States and throughout the world.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) and of other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignors hereby sell, assign and transfer to Assignee, the entire right, title and interest in and to said invention, said application and any Letters Patent that may

be granted for said invention in the United States and throughout the world, including the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

Further, Assignors agree that, upon request and without further compensation, but at no expense to Assignors, they and their legal representatives and assigns will do all lawful acts, including the execution of papers and the giving of testimony, that may be necessary or desirable for obtaining, sustaining, reissuing or enforcing Letters Patent in the United States and throughout the world for said invention, and for perfecting, recording or maintaining the title of Assignee, its successors and assigns, to said invention, said application and any Letters Patent granted for said invention in the United States and throughout the world.

Assignors represent and warrant that they have not granted and will not grant to others any rights inconsistent with the rights granted herein.

Assignors authorize and request the Commissioner of Patents and Trademarks of the United States and of all foreign countries to issue any Letters Patent granted for said invention, whether on said application or on any subsequently filed division, continuation, continuation-in-part or reissue application, to Assignee, its successors and assigns, as the assignee of the entire interest in said invention.

IN WITNESS WHEREOF, Assignors have executed this Assignment on the dates written hereinbelow.

Daniel R. Kurz

Assignors:

Dated: 12/10/98

Dated: 12/10/98

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT	
State of CALIFORINA County of Senta Clave On Minds before me, Pathica Toyne Notary public personally appeared DAVIOA. Force is a fisher to be the person(s) whose names(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their signature(s) on the instrument is the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. WITNESS my hand and official seal. SIGNATURE OF NOTARY OPTIONAL SECTIONAL SECTION	CAPACITY CLAIMED BY SIGNER Though statute does not require the Notary to fill in the date below, doing so may prove invaluable to persons relying on the document. INDIVIDUAL CORPORATE OFFICER(S) TITLE(S) PARTNER(S) LIMITED GENERAL ATTORNEY-IN-FACT TRUSTEE(S) GUARDIAN/CONSERVATOR OTHER SIGNER IS REPRESENTING: NAME OF PERSON(S) OR ENTITY(IES)
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